SOLUTIONS
Installs
Cheat Sheets
Your Business
Hands On
Market Trends
Tech Apps

PRODUCTS
Hot Products
New Products
Product Reviews
Buyers Guide

MARKETS
Corporate
House of Worship
Education
Government/Legal
Sports
Entertainment
Retail/Restaurants
Healthcare
Museums
Transportation
Residential
Rental & Staging
Security

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February 2007

New Products

Flat-panel wall mounts

Peerless Industries' HG Series Universal Flat Panel Wall Mounts accommodate flat-panel displays that measure 26 to 60 inches diagonal. The line includes the SP850-UNLP pull-out swivel wall mount, PLA50-UNLP and PLA60-UNLP (pictured here) articulating wall mounts, PLAV60-UNLP articulating wall mount with vertical adjustment, and PLAV70-UNLP dual-arm articulating wall mount with vertical adjustment. All models are available in black or silver. Price: $449 (SP850-UNLP and PLA50-UNLP); $499 (PLA60-UNLP); $549 (PLAV60-UNLP); $749 (PLAV70-UNLP). Availability: All models are available. For more information, contact Peerless Industries at 800-865-2112 or at www.peerlessmounts.com.

SVGA projector

The SD105U projector from **Mitsubishi Digital Electronics America** features SVGA resolution. The DLP projector includes 1,600 ANSI lumens of brightness and an 1,800:1 contrast ratio. The product's filter-free lamp lasts up to 4,000 hours in Low Mode, according to the company. It also offers RS232 communication for third-party control systems, as well as integration with interactive whiteboard systems. Price: $599. Availability: currently available. For more information, contact Mitsubishi Digital Electronics America at 888-307-0312 or at www.mitsubishi-presentations.com.

RGBHV cables and connectors

Liberty Wire & Cable has introduced the QuickLinx Solid-Center Mini RGBHV cables and ConnecTec Compression connectors, which are aimed at custom installation applications. The cables are available in a 25 ABW version for long runs and a 23 ABW version swept to 3 GHz for short runs and high-definition applications. The ConnecTec Compression connectors are also available for 25 and 23 ABW cables in nickel-plated versions. Price: N/A (all models). Availability: currently available (all models). For more information, contact Liberty Wire & Cable at 800-530-8998 or at www.libertycable.com.

Line array suspension systems

WorxAudio Technologies' TrueAim Grid suspension systems are designed to fly the company's TrueLine V8 and V10 line array systems in permanent installation applications. The suspension systems offer an industry standard Schedule 40 pipe and a pipe coupler that connects to the grid's adjustable crossbeam for left and right adjustments. The pipe coupler also features an exit point to conceal wires. The grid is designed to support up to 2,500 pounds with an 8:1 safety factor. Price: Systems start at $1,881. Availability: currently available. For more information, contact WorxAudio Technologies at 336-275-2044 or at www.worxaudio.com.

Matrix switchers

Targeted for use in control room, government, house of worship, and education applications, **FSR Inc.'s** PathFinder matrix switchers feature more than 600 MHz of bandwidth with + 1 dB flatness. The PathFinder matrix switchers are compatible with 720p, 1080i/p, and digital cinema resolutions. The switchers include split mode switching, 32 presets, and RS232 and IP ports. The PathFinder switchers are available in sizes ranging from 8x8 to 16x16, with optional balanced stereo audio. Price: N/A (all models). Availability: All models are available. For more information, contact FSR Inc. at 800-332-3771 or at www.fsrinc.com.

LCD projector

Targeted for use in mobile professional, education, and corporate applications, the TLP-XD2000U LCD projector from **Toshiba** has native XGA (1024x768) resolution, 2,000 ANSI lumens of brightness, and a 600:1 contrast ratio. The projector includes automatic vertical keystone correction (+ 30 degrees), a 29 dB operating level, and a 1 W monaural internal speaker. The unit incorporates the company's Blackboard function, which enables wall color adjustments when projecting on a non-screen surface. Price: $849. Availability: currently available. For more information, contact Toshiba at 800-316-0920 or at www.toshiba.com.

Graphics system

Chyron's HyperX HD-/SD-switchable graphics system is designed to generate multi-layer effects and transitions. The system provides seamless creation-to-playout capability, real-time 2D/3D animation, and template-based text and graphics for updating content for live broadcast. HyperX is also available with the Lyric PRO advanced creation and playout option, which features intelligent transitions, interactive messaging, 3D real-time rendering, hierarchical animations, and multi-texturing capabilities. Price: N/A. Availability: currently available. For more information, contact Chyron at 631-845-2000 or at www.chyron.com.

Powered loudspeakers

JBL Professional has released the PRX500 line of powered loudspeakers, which incorporates Crown International's Class D amplifiers with switch-mode power supplies and a DSP-based input module. The line includes the PRX512MP 12-inch, two-way, multipurpose loudspeaker, the PRX515P 15-inch, two-way, trapezoidal loudspeaker, the PRX535P 15-inch, three-way trapezoidal loudspeaker, the PRX525P dual 15-inch, two-way trapezoidal loudspeaker, and the PRX518S 18-inch, 500 W subwoofer. All models include JBL's Differential Drive transducers, mic and line level input capability, and two selectable EQ contours. Price: N/A (all models). Availability: N/A (all models). For more information, contact JBL Professional at 818-894-8850 or at www.jblpro.com.

LCD display

Vizio's 47-inch GV47 LF LCD display has native 1920x1080 resolution, 500 cd/m2 brightness, an 800:1 contrast ratio, 16.7 million colors, and an 8 ms response time. The display features the company's IPS technology, which enables a 178-degree viewing angle and eliminates glare, according to the company. The GV47 LF features a 3D comb filter, motion adaptive de-interlacing, 3:2 or 2:2 reverse pull-down, and selectable color temperatures of 6,500K, 5,400K, and 9,300K with independent red, green, and blue color adjustments. Price: $1,899.99. Availability: currently available. For more information, contact Vizio at 888-849-4623 or at www.vizio.com.

DLP projector

The Action! Model Three projector from **projectiondesign** includes native 1920x1080 resolution and Texas Instruments' 0.95-inch 1080p DC3 DMD DLP image technology. The projector's adjustable brightness feature enables users to select brightness from 500 to 2,000 ANSI lumens. The device incorporates the company's DuArch illumination architecture, which provides dual lamps, dual seven-segment color wheels, and light format adjustment. Price: N/A. Availability: currently available. For more information, contact projectiondesign at 201-943-1616 or at www.projectiondesign.com.

Vinyl projection screens

The SolidPix solid vinyl projection screens from **Screen Research** are available in widths measuring up to 200 inches wide. The screens are available in motorized, on-ceiling, in-ceiling trap door, and in-ceiling slot versions. All models include a tab-tensioning system to provide a flat projection surface, according to the company. Screen Research has also released its Screen Configurator tool, which provides registered users with custom drawings based on information inputted via an online calculator. Price: SolidPix screens start at $635; Screen Configurator is free for registered Screen Research users. Availability: currently available (all SolidPix models and Screen Configurator). For more information, contact Screen Research at +33-0-2-40-77-87-89 or at www.screenresearch.com.

Document camera

Aimed at visual presentation applications, the P100 document camera from **Elmo** has native SXGA (1280x1024) resolution, 16X optical zoom, 4X digital zoom, and 30 f/s image capture. An included USB connection provides instant drawing and image annotation functions. The document camera features a built-in SD card, which enables stored image slide shows and a split display function to simultaneously show live and stored images. Price: N/A. Availability: currently available. For more information, contact Elmo at 800-947-3566 or at www.elmousa.com.

WXGA projector

Optoma has introduced the EP1690 DLP projector, which is targeted for use in professional presentations and home theater applications. The projector has native WXGA (1280x768) resolution, a 16:9 aspect ratio, 2,500 lumens of brightness, and a 2,500:1 contrast ratio. It includes the company's Widescreen Maximizer function, which is designed to match the picture between the video source and the projector, according to Optoma. Input/output connectors include DVI-D with HDCP, VGA, S-video, composite, RS232, and USB. It also includes four audio inputs. Price: N/A. Availability: currently available. For more information, contact Optoma at 408-383-

3700 or at www.optoma.com.

Stage monitor loudspeaker

Designed for live professional sound applications, the **Meyer Sound** MJF-212 self-powered stage monitor loudspeaker includes a 4-inch diaphragm compression driver coupled to a symmetrical (50-degree horizontal by 50-degree vertical) constant directivity horn and dual 12-inch neodymium magnet cone drivers with 4-inch voice coils. Each of the unit's drivers is powered by one channel of a three-channel Class AB/H amplifier, which provides 1,275 W (2 x 500 W, 1 x 275 W) and 2,500 W peak power. The MJF-212 has a 55 Hz to 18 kHz phase-corrected frequency response. Price: N/A. Availability: currently available. For more information, contact Meyer Sound at 510-486-1166 or at www.meyersound.com.

Microphone cable

Targeted for use in live sound applications, the XD201DBM microphone cable from **Gepco International** is shielded with a double copper braid. The cable incorporates a gas/polymer dielectric, which is designed to reduce capacitance, according to the company. The cable features oxygen-free copper conductors and the company's G-Flex flexibility and durability technology. Price: N/A. Availability: currently available. For more information, contact Gepco International at 800-966-0069 or at www.gepco.com.

iPod docking station

Targeted for use in multi-room custom applications, the VIA!migo iPod integrated docking station from **ELAN Home Systems** provides IR and RS232 control, which enables users to control audio from remote VIA! touchpanels. The touchpanels display iPod control options and onscreen information, such as time playing, time remaining, and information about the musical artist and song. To accommodate video-enabled iPods, the docking station includes S-video and composite video outputs to distribute video to display devices. Software updates can be accomplished via the unit's RS232 serial port. Price: $599. Availability: currently available. For more information, contact ELAN Home Systems at 859-269-7760 or at www.elanhomesystems.com.

Portable visualizer

The VZ-9plus portable visualizer from **Wolfvision** includes a 1-CCD camera with 30 f/s and native SXGA (1280x960) and 720p resolutions. The visualizer includes Ethernet/LAN connectivity, an LCD preview monitor, and a built-in digital scaler that lets users scale the picture at the image source. Images from the visualizer are output via RGB and DVI-I ports. The VZ-9plus also features PAL/NTSC video outputs. Price: N/A. Availability: currently available. For more information, contact Wolfvision at 800-356-9653 or at www.wolfvision.com.

Video processors

The KD-VP6 and KD-VP8 video processors from **Key Digital Systems** feature the company's Intelligent Auto Sense (IAS) technology, which automatically locates and switches an active video input to a display. Both models support standard-definition resolutions including 480i and 576i composite, component, and S-video, as well as extended-definition resolutions including 480p and 576p component analog. The eight-input KD-VP8 also provides digital outputs via HDMI and HDMI-over-Cat5 interfaces. Price: $575 (KD-VP6); $825 (KD-VP8). Availability: Both models available. For more information, contact Key Digital Systems at 914-667-9700 or at www.keydigital.com.

MPEG-4 encoder/decoder

Designed for use in streaming media and webcasting applications, the OSCAR MPEG-4 AVC H.265 encoder and decoder from **HaiVision Systems** are controlled via web or TCP. The encoder operates at a 64 kb/s to 1.5 Mb/s video bit rate, supports QSIF to high-resolution SD video, and includes a serial port pass-through. Both models are NTSC/PAL-compatible and feature fanless operation. Price: N/A (both models). Availability: currently available. For more information, contact HaiVision at 877-224-5445 or at www.haivision.com.

HDMI distribution amplifiers

Kramer Electronics has introduced the VM-28HDMI and VM-216HDMI HDMI distribution amplifiers for use in large network applications. The VM-28HDMI enables users to distribute one of two HDMI input sources to eight destinations, while the VM-216HDMI delivers one of two HDMI input sources to 16 destinations. Both models support up to 1.65 Gb/s bandwidth and feature the company's enhanced Extended Display Identification Data operation. Price: $995 (VM-28HDMI); $1,495 (VM216HDMI). Availabilty: Both models are available. For more information, contact Kramer Electronics at 908-735-0018 or at www.kramerelectronics.com.

Flat-panel desk mounts

Sanus System's VisionMount Full-Motion Desk Mounts are designed for flat-panel monitors that weigh up to 20 pounds. The SD103 mount offers tilt and swivel motion, independent tension adjustment styles, and a wire management channel. The SD115 mount includes tilt and swivel motion and an articulating arm that extends up to 15 inches from the pillar. Both models are compatible with VESA 75 and VESA 100 patterns. Price: $99.99 (SD103); $129.99 (SD115). Availability: Both models available. For more information, contact Sanus Systems at 800-359-5520 or at www.sanus.com.

XGA projector

Targeted for use in classroom and conference room applications, the ImagePro 8777 LCD projector from **Dukane** has native XGA (1024x768) resolution, 2,500 lumens of brightness, and a 600:1 contrast ratio. The 6.4-pound projector includes two video inputs and three computer inputs. The device features a built-in 5 W speaker, automatic keystone correction, and monitor loop-through capability. Price: N/A. Availability: currently available. For more information, contact Dukane at 800-265-4607 or at www.dukcorp.com.

Standalone media player

Targeted for use in trade show, point-of-purchase, retail, and home theater applications, the HDcodex DML-1600 standalone digital media player from **CodexNovus** features 1.6 terabytes of memory and delivers high-resolution audio in multichannel 5.1 and 7.1 formats. The media player supports SD and HD formats up to 1920x1080p, as well as MPEG, AVI, TS, VC-1, MP2, MP3, AC3, WAV, AAC, HTML, SWF, BMP, PNG, TIFF, GIF, and JPEG media files. The device's interface operates via IR remote control or RS232. Price: $6,999. Availability: currently available. For more information, contact CodexNovus at 217-351-4819 or at www.codexnovus.com.

Web broadcasting system

Teq Gear has released the netRPB Live Presentation web broadcasting system, which is designed to record, play, and broadcast video content. Targeted for use in streaming recorded or archived content in training session, sales presentation, board room meeting, and classroom lecture applications, the product can be attached to a PC or laptop, as well as connect to two cameras and up to two microphones. Price: $17,995. Availability: currently available. For more information, contact Teq Gear at 949-709-4040 or at www.teqgear.com.

Universal projector mount

Da-Lite Screen Company has released the UPM-1 Universal Projector Mount, which is designed to support projectors that weigh up to 50 pounds. The UPM-1 provides +20 degrees of roll adjustment, +15 degrees of pitch adjustment, and 360-degree swivel motion. The mount features a black powder-coated finish and includes mounting hardware. Price: N/A. Availability: currently available. For more information, contact Da-Lite Screen Company at 574-267-8101 or at www.da-lite.com.

Flat-panel display solutions

Chief Manufacturing has introduced decorative frames for 32-, 42-, and 50-inch flat-panel displays. The frames are available with an optical mirror kit, which looks like a mirror when the display is powered off. All frames include an infrared kit, which enables the use of current remote controls. Frames are available in black, dark pecan, antique gold, or brushed silver versions. Price: N/A (all models). Availability: currently available. For more information, contact Chief Manufacturing at 510-486-1166 or at www.chiefmfg.com.

HD telepresence solution

The RealPresence Experience RPX HD high-definition, full-room telepresence solution from **Polycom** includes an 8- or 16-foot contoured, seamless videowall and Polycom's Siren 22 kHz StereoSurround high-definition sound and EyeConnect eye-level camera technologies. The solution offers 720p resolution (up to 3840x720 at 30 f/s), integrated ceiling microphones, acoustic wall paneling, and stereo equipment. The RPX HD also includes the company's UltimateHD architecture for HD video collaboration, recording, streaming and playback, including voice inputs. Price: Solutions start at $299,000. Availability: currently available. For more information, contact Polycom at 800-765-9266 or at www.polycom.com.

HD media receiver

Netgear has introduced the EVA8000 Digital Entertainer HD, which is a media receiver designed to stream high-definition video content, MP3 files, Internet-based video, news feeds, weather reports, and radio programs. The receiver automatically discovers and organizes media files from Windows- and Mac-based computers, networked storage devices, and USB media devices into a single library, according to the company. The device includes an HDMI port that supports video resolution up to

1080p and a TOSLINK optical audio output to transmit digital surround sound. Price: N/A. Availability: currently available. For more information, contact Netgear at 408-907-8000 or at www.netgear.com.

Blu-ray/HD-DVD disc player

The Super Multi Blue BH100 dual-format, high-definition disc player from **LG Electronics** accommodates Blu-ray and HD-DVD formats. The player supports video formats including MPEG-2, VC-1, and H.264 video, as well as audio formats including MPEG-1/2, Dolby Digital, Dolby Digital+, DTS, and DTS-HD. It has HDMI, component, composite, and 5.1 channel audio outputs. The unit features backlit touch sensor buttons and a remote control. Price: $1,199. Availability: first quarter. For more information, contact LG Electronics at 800-243-0000 or at www.lge.com.

Audio adapters

The SC206-203 active audio adapter from **Altinex** converts unbalanced audio signals to balanced audio and requires an external power source. The company's SC206-201 audio adapter, which requires no external power source, converts standard computer audio outputs to balanced audio, and can also be used to convert balanced signals to unbalanced signals. The SC206-202 passive audio adapter converts unbalanced audio outputs from computers, DVD players, VCRs, and other sources to balanced audio, and can be used to convert balanced signals to unbalanced signals. Price: N/A (all models). Availability: All models are available. For more information, contact Altinex at 714-990-2300 or at www.altinex.com.

LCD displays

NEC Display Solutions has introduced the Multeos M40 and M46 LCD displays, which are designed for use in digital signage and professional AV applications. The 46-inch M46 and 40-inch M40 displays offer high-definition 1080p resolution and a 16:9 aspect ratio. The displays are available in three configurations: the IT version, which offers VGA, DVI-D, and 5-pin BNC connectors; the AV version, which includes VGA, DVI-D, and 5-pin BNC connectors, as well as HDMI component, composite, S-video, and audio inputs and outputs; and the AVT version, which offers an ATSC HD tuner, an NTSC standard-definition tuner, and RF inputs to support HDTV and SDTV signals. Price: Displays start at $2,499.99 (M40); displays start at $3,499.99 (M46). Availability: All models are available. For more information, contact NEC Display Solutions at 866-632-6673 or at www.necdisplay.com.

Digital video recorder

ProCon Digital Systems' QC120A QuickCapture A2D digital video recorder records 9 hours of broadcast-quality content, according to the company. The QuickCapture A2D includes integrated media conversion capabilities that enable users to directly record analog and digital video to the hard drive without further capturing or rendering. The 14-ounce video recorder can also play back and pass-through video content on analog monitors. Price: $1,499. Availability: N/A. For more information, contact ProCon Digital Systems at 800-631-0868 or at www.proconusa.com.

DVI video extender

Gefen's DVI FM Extender enables high-resolution computer and high-definition video sources to be viewed up to 200 feet from the source. The solution delivers resolutions up to 1080p over a multimode fiber optic cable. The DVI FM Extender package includes 3.5- by 1.5-inch sender and receiver modules, a Gefen DVI Detective, a DVI connector cable, and a power supply. Price: $599. Availability: currently available. For more information, contact Gefen at 800-545-6900 or at www.gefen.com.

LED technology

Daktronics has introduced its ProPitch LED display technology, which is designed for use in outdoor LED displays. ProPitch-enabled displays are available in a variety of pixel configurations, starting at 12.5 millimeter center-to-center line space. Each ProPitch display is calibrated for daylight visibility at 6,000 nits with a 1,000:1 contrast ratio. The ProPitch system features a synchronized image refresh and 50 or 60 f/s image reproduction. Adjustable rear support stands tilt ProPitch displays for varying camera positions. Price: depends on configuration. Availability: currently available. For more information, contact Daktronics at 800-325-8766 or at www.daktronics.com.

AV over UTP transmitter

The UVA-WP Mini-Cat is a single-port video plus audio over UTP transmitter from **Hall Research Technologies**. The transmitter is designed to support transmission up to 1,000 feet at resolutions up to 1600x1200, as well as 2,000 feet for composite audio and video at any refresh rate. The device can be mounted in a single-gang, wall-mounted box. The UVA-WP also includes a differential signaling function to eliminate ground loops and noise, according to the company. Price: N/A. Availability: currently available. For more information, contact Hall Research Technologies at 800-959-6439 or at www.hallresearch.com.

Plasma displays

Microtek has introduced the 42-inch MHP1-HDI and 50-inch P50TX1A plasma displays. The MHP1-HDI has native XGA (1024x768) resolution, 1,300 cd/m^2 brightness, and a 10,000:1 contrast level. The P50TX1A offers native WXGA (1366x768) resolution, 1,000 cd/m^2 brightness, and a 8,000:1 contrast ratio. Both models include composite, S-video, component, computer RGB via VGA port, and HDMI input capabilities. Price: $1,499.99 (MPH1-HDI); $1,999.99 (P50TX1A). Availability: Both models are available. For more information, contact Microtek at 310-687-5800 or at www.microtek.com.

Large-venue projector

The **Eiki International** LC-XG300 LCD projector has native XGA (1024x768) resolution, 4,500 ANSI lumens of brightness, 16.7 million colors, and a 1,000:1 full on/off contrast ratio. The 19.2-pound projector features +40-degree vertical keystone correction, a 300 W UHP projection lamp, and power zoom and focus lens configuration. LED and onscreen warnings notify users of clogged air filters. Built-in test pattern arrays are also included for onsite calibration. Price: N/A. Availability: currently available. For more information, contact Eiki International at 800-242-3454 or at www.eiki.com/usa.

Audio system

The ToGo all-in-one sound system from **FrontRow** is designed to evenly distribute a teacher's voice throughout a classroom, multipurpose room, or cafeteria. Typical systems include a dual receiver/speaker column, body-worn transmitter and boom microphone, transmitter charger and power supply, table stand and wall-mount hardware, auxiliary auto patch cords, and volume locks. The system has a 36 W RMS @ 4 ohms x 2 maximum output power, 100 Hz to 9 kHz frequency response at rated power, and a 6.5-hour battery operating time. A 3.5 mm mono auxiliary input and output are included. Price depends on configuration. Availability: currently available. Contact FrontRow at 800-227-0735 or at www.gofrontrow.com.

Interactive response system

Targeted for use in classroom applications, the Senteo interactive response system from **SMART Technologies** includes handheld devices for each student and a central receiver that enables instructors to send and receive information from the handheld devices. The system, which includes the company's Notebook collaboration software, supports Microsoft software programs. Each handheld device includes an LCD screen, 21 input buttons, and a variety of question options that can be viewed on three lines of text. The system's radio frequency technology enables connection between the handheld devices and central receiver at up to 30 meters, according to the company. Price: N/A. Availability: currently available. For more information, contact SMART Technologies at 888-427-6278 or at www.smarttech.com.

Fiber-optic extender

Thinklogical's USB-2 fiber optic extender is designed to extend USB 2.0 interface signals up to 500 meters over standard duplex multimode fiber. The extender, which also supports low-speed USB 1.1, includes the USB X-TENDER transmitter and receiver. Both devices feature LED indicators for link performance status. External power is required for the transmitter and receiver units. Price: N/A. Availability: currently available. For more information, contact Thinklogical at 800-291-3211 or at www.thinklogical.com.

AV extenders

StarTech.com's Converge line of AV extenders transmits AV signals up to 300 meters in point-of-sale, digital signage, security, education, and healthcare applications. The CPNTUTPEXT model extends component video signals up to 200 meters; the SVIDUTPEXT model extends S-video signals up to 200 meters; the SVIDUTPEXTA model extends S-video and RCA audio signals up to 200 meters; the COMPUTPEXTA model extends composite video up to 200 meters; and the ST121UTP232 model extends VGA and serial signals up to 300 meters. Price: $88.99 to $269.99. Availability: All models are available. For more information, contact StarTech.com at 800-265-1844 or at www.startech.com/av.

Speaker cable

The Dominator speaker cable from **RapcoHorizon** is available in 10-, 12-, and 14-gauge configurations with round commercial jacks and copper conductors. The cable is also available in the company's SilverFlex Series, which offers 10- and 12-gauge sizes with bare annealed copper conductors that are silver-plated for lower capacitance, according to the company. Price: N/A (all configurations). Availability: currently available (all configurations). For more information, contact RapcoHorizon at 573-651-6500 or at www.rapcohorizon.com.

Audio peripheral solution

Designed for use with enterprise telephones, PCs, and videoconferencing systems, the Chat 150 audio peripheral from **ClearOne Communications** includes three microphones, a loudspeaker, and mute and volume control buttons. When connected to enterprise telephones, the Chat 150 enables the phone to be used as an audioconferencing system while continuing to allow the phone's call management functions to operate. In videoconferencing applications, the peripheral plugs into the audio in/out jacks on the codec, and can be used in place of a built-in audio system. The device connects to a PC's USB port for hands-free, full duplex audio. Price: N/A. Availability: currently available. For more information, contact ClearOne Communications at 800-945-7730 or at www.clearone.com.

Interruptible audio transmitter

Aimed at live stage applications that require extended audio operating ranges, the IFBT4 interruptible, fold-back base-station transmitter from **Lectrosonics** features a selectable high-pass filter with 35 Hz and 50 Hz settings. The 250 mW device incorporates the company's Digital Hybrid Wireless Technology for use with multiple radio-link types, including camera hops, relay stations, and delay loudspeakers. The IFBT4 includes a 1/4-wave whip antenna, which can be detached from the 50-ohm BNC connector on the unit's rear panel. Price: $1,085. Availability: currently available. For more information, contact Lectrosonics at 800-821-1121 or at www.lectrosonics.com.

HDMI switchers

TV One has introduced the 1T-HDMI-821, 1T-HDMI-841, and 1T-HDMI-881 HDMI switchers, which support high-definition resolutions including 480p, 720p, and 1080i/p, as well as standard-definition 480i. All models can be controlled via front-panel push buttons, IR, or RS232. The 1T-HDMI-821 (two inputs) and 1T-HDMI-841 (four inputs) can be mounted in remote locations using optional mounting hardware, while the 1T-HDMI-881 (eight inputs) can be mounted in a standard 19-inch rack. Price: $199 (1T-HDMI-821); $249 (1T-HDMI-841); $599 (1T-HDMI-881). Availability: All models are available. For more information, contact TV One at 800-721-4044 or at www.tvone.com.

Color analyzer

Konica Minolta Sensing Americas' CA-2000 2D Color Analyzer is designed to measure luminance and chromaticity of front-panel displays, projectors, and backlights with high-resolution data. The analyzer incorporates XYZ filters and a high-resolution CCD, as well as software for measurement, data analysis, and evaluation. The analyzer features interchangeable lenses, individual lens calibration, and synchronized measurement. The product is available with either a standard lens, wide lens, or telephoto lens. Price: N/A. Availability: currently available. For more information, contact Konica Minolta Sensing Americas at 888-473-2656 or at www.konicaminolta.com.

Analog routing switcher

The Lassen XL analog routing switcher from **Sierra Video Systems**, which supports composite video and stereo audio, includes an IP port for Ethernet connectivity. The switcher's video board enables up to 300 MHz @ -3 dB bandwidth. Units are available in sizes ranging from 12x4 to 32x32 with an optional redundant power supply in 32x16 and 32x32 models. All models include a front-panel LCD display and the company's Qwik Adjust Knob rotary control interface. Price: N/A (all models). Availability: All models are available. For more information, contact Sierra Video Systems at 530-478-1000 or at www.sierravideo.com.

DVR security solution

Middle Atlantic Products' DLBX Digital Video Recorder Lockbox is designed to secure DVR units, as well as handle the component's active or passive thermal requirements via an optional speed thermostatic fan controller. The controller includes a fan and two filters and can be mounted inside the lockbox. The lockbox can be mounted vertically or horizontally, and provides a standard, key-locked, solid front door. It supports components up to 100 pounds. Price: N/A. Availability: currently available. Contact Middle Atlantic Products at 979-839-1011 or at www.middleatlantic.com.

Multi-image display processor

RGB Spectrum's SuperView 4000-8/8 multiple-image display processor is designed for applications that require displaying multiple images on a single monitor or projector, such as in
network operations centers, control rooms, and training facilities. The processor displays up to eight RGB/DVI computer signals and up to eight video signals from 32 switched inputs. The device supports resolutions up to 1920x1080 in RGB and DVI

formats. Control is provided via Ethernet or RS232 serial ports. The SuperView 4000-8/8 also includes an embedded GUI interface and a web-based control system. Price: N/A. Availability: currently available. For more information, contact RGB Spectrum at 510-814-7000 or at www.rgb.com.

Analog/digital converter

The ADDA 192-S two-channel, 24-bit, 192 kHz analog-to-digital/digital-to-analog audio converter from **SM Pro Audio** is targeted for use in sound recording applications. It features two combination connectors on its front-panel to connect mic- or line-level sources. The mic inputs feature preamps with switchable 48 V phantom power and -20 dB pad. The converter includes a master XLR and headphone output signal, which can be configured to provide a controlled mix level of both analog and digital inputs, according to the company. Price: $449. Availability: currently available. For more information, contact SM Pro Audio at +61-3-9555-8081 or at www.smproaudio.com.

Loudspeaker system

Targeted for use in small- and mid-sized loudspeaker applications, **Atlantic Technology's** 8200e loudspeaker system includes the 8200e LR, 8200e C, and 8200e SR models. The 8200e LR (left/right) and 8200e C (center channel) models are sealed-box, three-way loudspeakers that offer two 8-inch woofers, two 5.25-inch mid-range drivers, and one 1-inch silk dome tweeter. Both models have a 60 Hz to 20 kHz (+ 2 dB) frequency response, 6-ohm nominal impedance, and 90 dB sensitivity. The 8200e SR is a sealed-box, two-way di-pole surround sound loudspeaker that incorporates dual 6.5-inch woofers and two 1-inch silk dome tweeters. It has an 80 Hz to 20 kHz (+ 2 dB) frequency response, 6-ohm nominal impedance, and 90 dB sensitivity. Price: Systems start at $10,000. Availability: All models are available. For more information, contact Atlantic Technology at 781-762-6300 or at www.atlantictechnology.com.

Seamless switcher

Targeted for use in corporate boardrooms, auditoriums, and houses of worship, the ISS 506 six-input seamless switcher from **Extron Electronics** offers switching between RGB, HDTV, and standard-definition video sources. The switcher includes six configurable video inputs with audio, four of which accept any signal from RGB to composite video. Two program outputs are also available, and an optional third output can be configured for HD-SDI, DVI-D, or scan-converted video. The device features Preview and Program outputs, which enable the user to preview the "next to switch" source before presenting it to the audience. Control is provided via RS232, Extron's IP Link Ethernet control, or by an optional RCP 2000 remote control panel. Price: N/A. Availability: currently available. For more information, contact Extron Electronics at 800-633-9876 or at www.extron.com.

LCD displays

Targeted for use in commercial and business applications, the AOC 22LVWk and AOC 19LVWk TFT active matrix LCD displays from **Envision Peripherals** include a DVI-D interface and an analog VGA connector. The 22-inch AOC 22LVWk, which supports resolutions up to 1680x1050, has a 700:1 contrast ratio and a 5 ms response time. The 19-inch AOC 19LVWk has 1440x900 resolution, an 800:1 contrast ratio, and a 5-ms response time. Both models are RoHS-compliant. Price: $349.99 (AOC 22LVWk); $249.99 (AOC 19LVWk). Availability: Both models are available. For more information, contact Enivsion Peripherals at 888-662-9888 or at www.aocdisplay.com.

Cardioid condenser microphone

The **Audio-Technica** AT2010 cardioid condenser microphone, which features a 16 mm diaphragm, is targeted for use in live events. The microphone provides an extended flat frequency response from 40 Hz to 20,000 Hz, has a 113 dB dynamic range, and supports up to 136 dB SPL. The device requires 48 V phantom power, which can be provided by a mixer/console or an in-line source. The AT2020 includes the company's Quiet-Flex microphone stand clamp and a carrying pouch. Price: $169. Availability: currently available. For more information, contact Audio-Technica at 330-686-2600 or at www.audio-technica.com.

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